



AMENDMENTS TO THE CLAIMS

1. (Currently amended) A plane carbon commutator comprising:
a plurality of metal segments fixed to a commutator body made of resin;

and

engaging projections provided on a carbon which was previously burnt at a high temperature, said engaging projections being engaged with engaging holes provided in said segments and integrally formed as one unit,

wherein tip ends of cut-rising pieces functioning to allow insertion of said engaging projections into said engaging holes, but operative to prevent said engaging projections from being pulled out from said engaging holes, are projected from peripheral edges of said engaging holes, and

said cut-rising pieces are brought into contact under pressure with peripheral faces of said engaging projections, and

a time at which said engaging projections pass through said engaging holes provided in said segments equals a time at which the peripheral faces of the tip end side of said engaging projections become coarse faces by said cut-rising pieces provided on said peripheral edges of said engaging holes.

2. (Cancelled)

3. (Original) A plane carbon commutator according to Claim 1,
wherein conductive paste is interposed between said segments and said carbon.

4. (Withdrawn)

5. (New) A plane carbon commutator comprising:

a plurality of metal segments fixed to a commutator body made of resin;

and

engaging projections provided on a carbon which was previously burnt at a high temperature, said engaging projections being engaged with engaging holes provided in said segments and integrally formed as one unit,

wherein tip ends of cut-rising pieces functioning to allow insertion of said engaging projections into said engaging holes, but operative to prevent said engaging projections from being pulled out from said engaging holes, are projected from peripheral edges of said engaging holes, and

the tip ends of cut-rising pieces are dimensioned to have a smaller diameter than the diameter of each engaging projection whereby said cut-rising pieces are brought into contact under pressure with peripheral faces of said engaging projections, so that the cut-rising pieces form coarse faces on the peripheral faces of the tip end side of the engaging projections as the engaging projections pass through the engaging holes.